FWS
88 MO HI
data

United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield St. Morgantown, WV 26505

Reply To: 3460

Date: 12/6/88

Ms. Susan Mayer
Assistant Regional Director
USDI Fish & Wildlife Service
1 Gateway Center, Suite 700
Newton Corner, MA 02158

Dear Ms. Mayer:

Enclosed for your information are the 1986-1988 results of gypsy moth trapping on 7 Fish & Wildlife sites. Reported are the total number of male gypsy moths found and the trap numbers of those traps that caught at least one moth for 1986, 1987, and 1988 at each site. Additionally, a listing of the number of moths caught in each trap is included for specific sites. Positive catches were recorded at all but one site this year.

Catches at Bowden and White Sulphur Springs National Fish Hatcheries, Muscutatuck National Wildlife Refuge, and Ottawa National Wildlife Service indicate that no other life stages (i.e. egg masses, larvae, or pupae) are likely to be present. However, continued trapping is necessary to determine when to perform more quantifiable survey methods in the future. If other gypsy moth life stages are observed please contact this office.

Catches at Blackwater and Eastern Neck National Wildlife Refuges indicate that other life stages may be present and that other more quantifiable gypsy moth survey methods (i.e. egg mass surveys and burlap banding) should be employed. Sites that have not yet initiated such surveys should contact this office concerning surveys next year.

Catches at the National Fisheries Research Center in Kearneysville indicate that further gypsy moth trapping is neither necessary or useful. Other quantifiable gypsy moth survey methods are better suited for populations of this size. Sites that have not yet initiated such survey methods should contact this office.

If you have any questions about these results or other insect or disease related problems, please contact this office.

Thank you for your continued participation in our gypsy moth monitoring program.

Sincerely,
William R. MacFarlane

William R. MacFarlane
Forest Technician
Forest Pest Management

USDI FISH AND WILDLIFE SERVICE

BLACKWATER NATL WILDL REF

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	2196	ALL
1987	722	ALL
1986	503	ALL

BOWDEN N.F.H.

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	1	TRAPS NOT NUMBERED
1987	1	TRAPS NOT NUMBERED
1986	0	0

EASTERN NECK NATL WILDL REF

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	1102	ALL
1987	1432	ALL
1986	293	ALL

KEARNEYSVILLE N.F.R.C.

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	6975	ALL
1987		TRAPS NOT RETURNED
1986	119	ALL

MUSCATATUCK NATL WILDL. REF.

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	0	0
1987	0	0
1986	0	0

OTTAWA NATL WILDLIFE SERVICE

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	8	1,2,5,7
1987	3	3,4,7
1986	11	1,3,4,5

USDI FISH AND WILDLIFE SERVICE

WHITE SULPHUR SPRINGS N.F.H.

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NO.S
1988	0	0
1987	0	0
1986	1	2

GYPSY MOTH MONITORING REPORT FORM

YEAR 1988

Facility Blackwater N.W.R.

Agency U.S. Fish & Wildlife Ser.

Address Blackwater NWR.
RFD#1 Box 121
Cambridge, MD 21613

Contact(s) William M Giese JR

Phone # 301-228-2692

# of Traps Deployed 10

Date Traps Deployed 6/15

Date Traps Retrieved 9/15-27

Trap Type (circle) delta / (milk carton)

Trap Sites Recorded By (circle)
(map) / directions / other (explain)

Other Life Stages Detected?
(what & how many?)

Trap #	Moths Captured 1 check	Moths Captured 2 check	Moths Captured Total	Date Trap Checked	Date Trap Checked	Date Trap Replaced(?)	Comments/Other Life Stages in Vicinity
1	*	*	236	7/12	9/15	—	none observed - observation
2	"	"	349	7/12	9/15	—	time extremely limited
3	"	"	18	7/12	9/15	—	"
4	"	"	154	7/12	9/15	—	"
5	"	"	120	7/12	9/20	—	"
6	"	"	156	7/12	9/20	—	"
7	"	"	56	7/12	9/20	—	"
8	"	"	691	7/12	9/20	—	"
9	"	"	287	7/12	9/27	—	"
10	"	"	129	7/12	9/20	—	"
11							
12							
13							
14							
15							

* moths were removed at retrieval only. Trap check on 7/12 to check on condition of box only.

GYPSY MOTH MONITORING REPORT FORM

YEAR 1988

Facility Bowden National Fish Hatchery

Agency

Address Route 1, Box 80
Elkins, WV 26241

Contact(s) Frederick Griffiths
Phone # 304-636-2823

# of Traps Deployed 3

Date Traps Deployed 6/12/88

Date Traps Retrieved 9/15/88

Trap Type (circle) delta / milk carton

Trap Sites Recorded By (circle)
map / directions / other (explain)

Other Life Stages Detected?
(what & how many?)

Trap #	Moths Captured 1 check / 2 check / Total			Date Trap Checked		Date Trap Replaced(?)	Comments/Other Life Stages in Vicinity
1							One Gypsy Moth found -
2							# of trap unknown
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

GYPSY MOTH MONITORING REPORT FORM Page__of__

YEAR 1988

Facility Eastern Neck N.W.R # of Traps Deployed ____

Agency _____ Date Traps Deployed _____

Address _____ Date Traps Retrieved _____

_____ Trap Type (circle) delta / milk carton

_____ Trap Sites Recorded By (circle)
map / directions / other (explain)

Contact(s)_____ _____

Phone # _____ Other Life Stages Detected?
(what & how many?)_____

Trap #	Moths Captured 1 check	2 check	Total	Date Trap Checked		Date Trap Replaced(?)	Comments/Other Life Stages in Vicinity
1			148				
2			109				
3			279				
4			466				
5			100				
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

GYPSY MOTH MONITORING REPORT FORM Page__of__

YEAR 1988

Facility National Fisheries Center # of Traps Deployed ____

Agency _____ Date Traps Deployed ____

Address Leetown Date Traps Retrieved ____

_____

_____ Trap Type (circle) delta / milk carton

Trap Sites Recorded By (circle)
map / directions / other (explain)

Contact(s)_____

Phone # _____ Other Life Stages Detected?
(what & how many?)_____

Trap #	Moths Captured 1 check / 2 check / Total			Date Trap Checked		Date Trap Replaced(?)	Comments/Other Life Stages in Vicinity
1			787				
2			1725				
3			937				
4			138				
5			1385				
6			2003				
7							
8							
9							
10							
11							
12							
13							
14							
15							

GYPSY MOTH MONITORING REPORT FORM

YEAR 88

Facility Ottawa NWR

Agency U.S. FWS

Address 14000 W. St. Rt. 2
Oak Harbor, OH
43449

Contact(s) Denise Fehribach or Mike Tansey

Phone # (419) 898-0014

# of Traps Deployed 7

Date Traps Deployed 6/15

Date Traps Retrieved 9/07

Trap Type (circle) (delta) / milk carton

Trap Sites Recorded By (circle)
(map) / directions / other (explain)

Other Life Stages Detected?
(what & how many?) None

Trap #	Moths Captured 1 check	2 check	Total	Date Trap Checked		Date Trap Replaced(?)	Comments/Other Life Stages in Vicinity
1	0	1	1	7/17	9/07	None	None Noted
2	0	1	1	"	"	Replaced	
3	0			"			↓ Traps 3+4 gone
4	0			"		↓	assumed vandalized
5	0	3	3	"	"		
6	0	0	0	"	"		
7	0	3	3	"	"		
8							
9							
10							
11							
12							
13							
14							
15							